

**AMENDMENT / RESPONSE TRANSMITTAL**

Applicant : Maher, et al.  
 App. No. : 09/804,480  
 Filed : March 12, 2001  
 For : ION CHANNEL ASSAY  
 METHODS  
 Examiner : Joseph F. Murphy  
 Art Unit : 1646

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

September 29, 2004

(Date)

Thomas R. Arno, Reg. No. 40,490

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

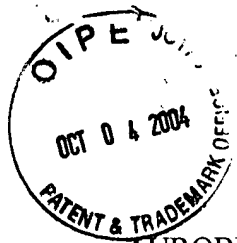
- (X) Amendment and Response in 5 pages.

The fee has been calculated as shown below:

FEE CALCULATION						
FEE TYPE				FEE CODE	CALCULATION	TOTAL
Total Claims	8	-	24 = 0	1202 (\$18)	0 x 18 =	\$0
Independent Claims	1	-	3 = 0	1201 (\$86)	0 x 86 =	\$0
-					<b>TOTAL FEE DUE</b>	<b>\$0</b>

- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Thomas R. Arno  
 Registration No. 40,490  
 Attorney of Record  
 Customer No. 20,995  
 (619) 235-8550



1646  
JFW

AUROBIO.026DV1

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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AMENDMENT AND RESPONSE

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed June 30, 2004, please find the enclosed amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.